

8EHQ-0304-15405

RECEIVED
OPPT NCIC

04 MAR 16 AM 6:15



DuPont Dow elastomers

DuPont Dow Elastomers L.L.C.
300 Bellevue Parkway
Wilmington, DE 19809

March 12, 2004

Via Federal Express

Document Processing Center (Mail Code 7407M)
Room 6428
Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
1201 Constitution Ave., NW
Washington, DC 20460

RECEIVED
OPPT NCIC
2004 MAR 25 AM 8:26
CONTAINER

Dear 8(e) Coordinator:

8EHQ-03-15405

This letter is to inform you of the results of a two-week inhalation subchronic toxicity study in male rats that was recently conducted with the above referenced test substance.

The test substance was administered to groups of 5 male rats at mean concentrations of 0, 1, 5 or 50 ppm. Exposures were 6 hours/day for 9 days. Body weights and clinical signs were evaluated daily.

No deaths occurred during the exposures. At study termination, slight reductions in body weights relative to controls were seen at 50 ppm. Salivation was observed in a few 50 ppm rats during the first exposure.

At the end of the exposure period, test substance-related nasal lesions were found in all 50 ppm rats. Nasal lesions were characterized by multifocal degeneration and necrosis of the sensory cells, and to a lesser extent the sustentacular cells, of the olfactory epithelial mucosa. Affected mucosa was either thinner due to the loss of sensory cells, or disorganized due to the regeneration of sensory and sustentacular cells. Basal cells appeared unaffected except for a possible slight increase in mitotic index. Sloughing of mucosa was focal and uncommon. Mild atrophy of Bowman's glands was characterized by a thinning of the glandular epithelium in the nasal lamina propria.



8 E H Q - 0 3 - 1 5 4 0 5

Sincerely,

A. Michael Kaplan, Ph.D.
Agent for DuPont Dow Elastomers L.L.C.
1090 Elkton Road, Newark, DE 19714



8 9 0 4 0 0 0 1 0 9

273882